Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 14 May 2021 until 23:59 on Saturday 15 May 2021

Forecast Issued on Friday 14 May 2021 at 04:08

Confidence: High for an unsettled outlook. Low for timings of rain on Saturday especially, similarly for detail of more showery remainder of period.

Headline for Friday 14 May 2021: Damp at first, with extensive low cloud and mist slowly lifting. Brighter later, perhaps with some late sunny intervals and an outside chance of isolated showers.

Mountain weather hazards on Friday 14 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Sunny intervals	Light rain showers	Sunny intervals	Sunny intervals
Precipitation probability					
20%	10%	10%	30%	10%	10%

Forecast for Friday 14 May 2021

Weather: Damp during the early hours and at first, with extensive low cloud and mist for all but perhaps some of the most sheltered west-facing valleys. This cloud and mist should very gradually lift into the afternoon, perhaps revealing some late sunny intervals in places, most likely and most extensively in the west. There is an outside chance of the odd shower too, although these should be fewer and lighter than of late. Becoming dry and chilly into the evening, with cloud once again encroaching from the east.

Chance of cloud free mountain/hill tops above 600m: 30% initially, becoming generally 60% into the afternoon.

Visibility: Poor at first, slowly improving to very good into the afternoon. Significant deterioration again likely in encroaching low cloud during the evening in the east.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 14 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 NE	8/11 E	6/9 E	7/10 SE	7/10 SE	9/15 E	10/15 SE
300	8/14 NE	7/10 E	5/8 E	6/10 SE	5/9 SE	7/14 E	7/15 SE
Valley	9/16 NE	6/10 E	4/7 S	4/8 SE	5/11 SE	8/18 E	7/17 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	4/1	6/4	8/6	8/6	5/2	4/1
300	6/3	8/6	10/9	11/10	10/9	8/6	7/4
Valley	7/4	10/9	12/12	12/12	12/11	9/7	8/7
Freezing Level*	1400m	1400m	1400m	1400m	1500m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun protection advised, especially at elevation this afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 14 May 2021	0.2mm	5.6mm	17mm

Forecast for Saturday 15 May 2021

Weather: Relatively low confidence in detail. Probably rather cloudy for much of the day, with periods of rain spreading from the southwest. Perhaps becoming brighter later in the afternoon, although timing of improvement uncertain, giving way to a risk of slow-moving, heavy and perhaps thundery showers as well as warm sunny intervals. Hail is also possible in these heavier downpours.

Maximum wind: Southeasterly 20mph.

Chance of cloud free mountain/hill tops above 600m: 20% improving 60% late on, but note deterioration in showers and increasing risk of thunderstorms.

Visibility: Poor in early cloudy and damp conditions. Becoming very good late on, but marked deterioration in showers.

Temperature: **Valleys:** Plus 3 becoming 12 Celsius.
At 600m: Plus 6 Celsius.
Freezing level: Well above the summits.

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